

Figure 1

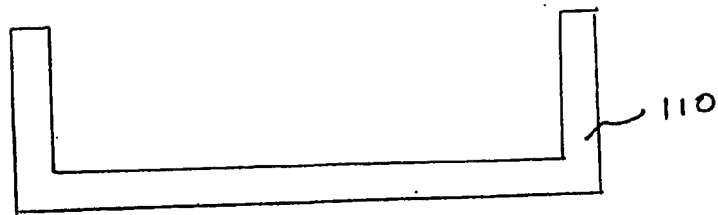


Figure 2A

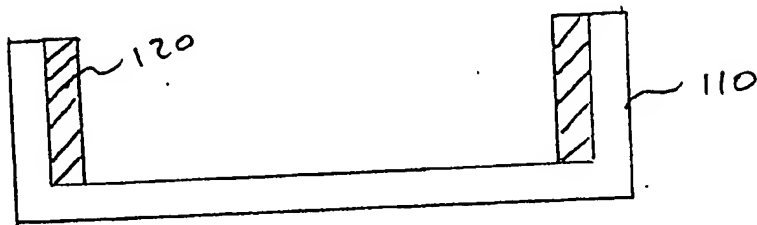


Figure 2B

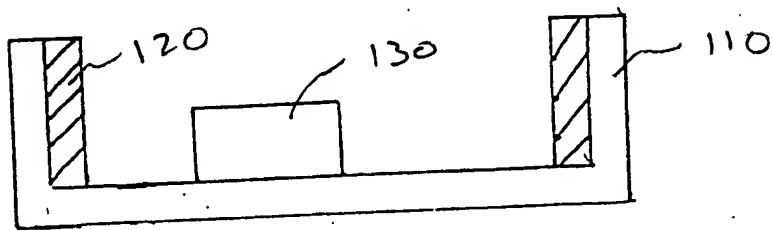


Figure 2C

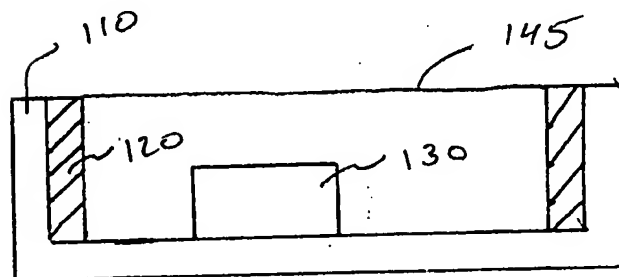


Figure 2D

Forming a ceramic cavity comprising a substrate for mounting a light emitting diode and substantially vertical sidewalls for reducing light leakage

302

Coating a portion of the ceramic cavity with a light reflective material

304

Positioning a light emitting diode on the substrate

306

Depositing an optically transparent material in the cavity to protect the light emitting diode

308

Figure 3

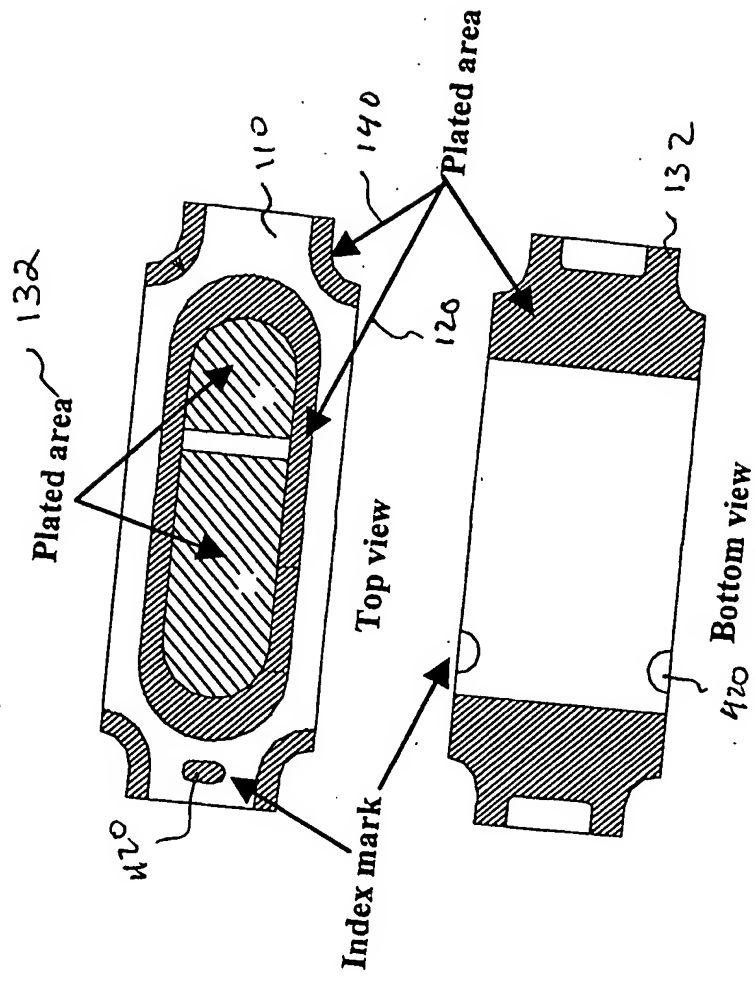


Figure 4

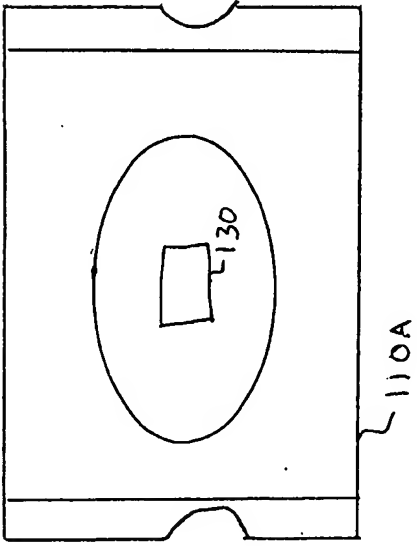


Figure 5A

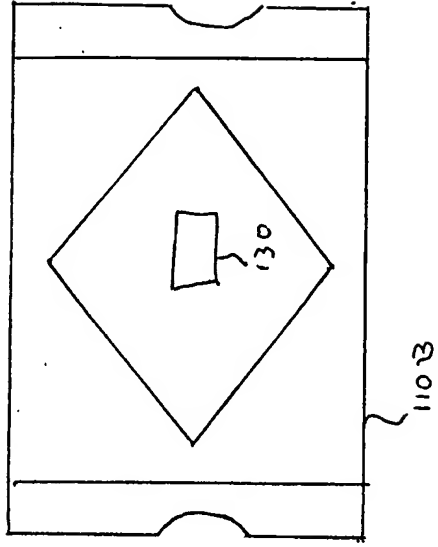


Figure 5B

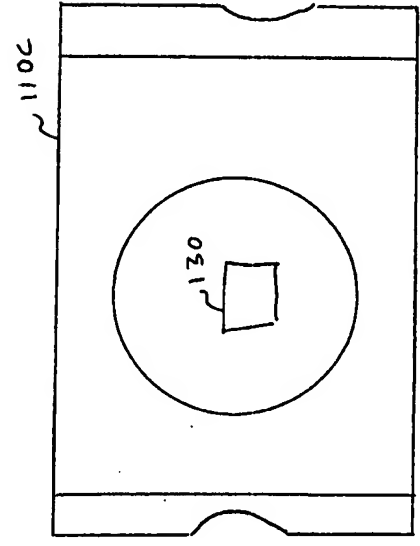


Figure 5C

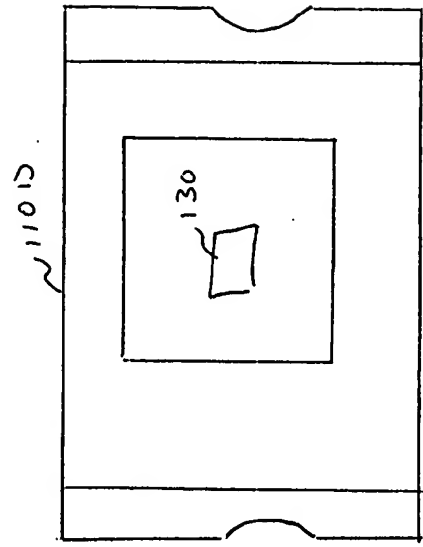


Figure 5D

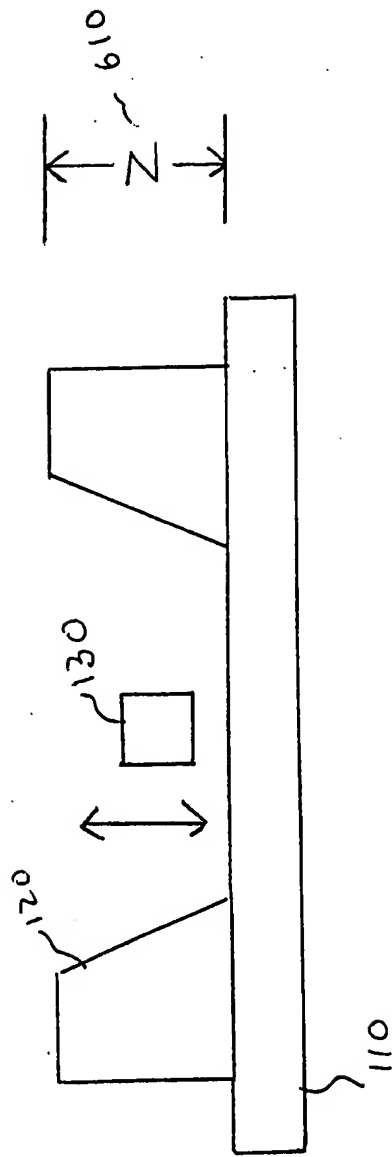


Figure 6A

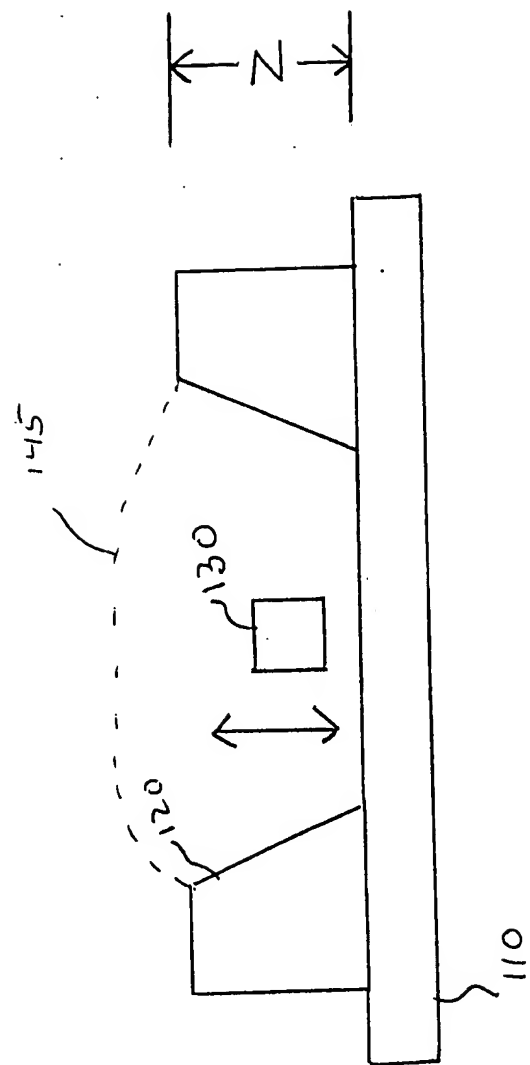


Figure 6b

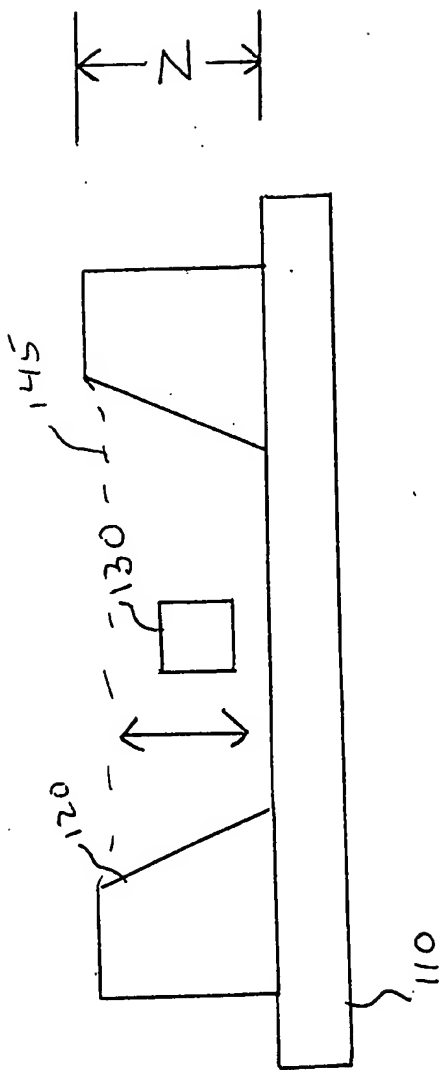


Figure 6C